



## **INTEGRAL detection of SWIFT J2037.2+4151**

**Westergaard, N. J.; Budtz-Jørgensen, C. ; Chenevez, J.; Lund, N.; Brandt, S.; Oxborrow, C. A.**

*Publication date:*  
2006

*Document Version*  
Publisher's PDF, also known as Version of record

[Link back to DTU Orbit](#)

*Citation (APA):*  
Westergaard, N. J., Budtz-Jørgensen, C., Chenevez, J., Lund, N., Brandt, S., & Oxborrow, C. A. (2006, Dec 19). INTEGRAL detection of SWIFT J2037.2+4151. The Astronomer's telegram No. ATel #967  
<http://www.astronomerstelegam.org/?read=967>

---

### **General rights**

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

**Outside**

[GCN](#)  
[IAUCs](#)

**Other**

MacOS: [Dashboard Widget](#)  
 Follow ATel on [Twitter](#)  
[ATELstream](#)  
[ATel Community Site](#)

# The Astronomer's Telegram

[Post a New Telegram](#) | [Search](#) | [Information](#)  
[Telegram Index](#)  
[Obtain Credential To Post](#) | [RSS Feeds](#) | [Email Settings](#)

Present Time: 24 Jan 2013; 16:44 UT

[ [Previous](#) | [Next](#) | [ADS](#) ]

## INTEGRAL detection of SWIFT J2037.2+4151

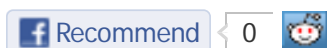
ATel #967; [N. J. Westergaard, C. Budtz-Jorgensen, J. Chenevez, N. Lund, S. Brandt, and C. A. Oxborrow \(DNSC, Denmark\)](#)  
 on 19 Dec 2006; 10:11 UT

*Credential Certification: Niels J. Westergaard (njw@dsri.dk)*

Subjects: X-ray, Gamma Ray, Transient

Referred to by ATel #: [3272](#)

The source detected by SWIFT (ATEL #853) was independently found in archived JEM-X public data in 5 pointings covering 18200s between 2004-07-19, 19:14 UTC and 2004-07-20, 03:27 UTC. Positioned within 1.2 degrees of Cyg X-3 it has been inside the JEM-X field-of-view more than 400 times with an off-axis angle less than 4 deg between 2002-12-16 and 2005-05-14. The search shows no firm detection except on the date mentioned above. The emission around 2004-07-19, 19:44 UTC can be fit by a powerlaw spectrum with a photon index of  $2.0 \pm 0.1$  where the intensity reached 25 mCrab decreasing over the next 6 hours. (The source was observed only intermittently due to INTEGRAL dither pointings.) A search using OSA5.1 software in the ISGRI images from the same period in the 20 - 30 keV range showed no sign of the source. The source position was best determined in the 4 - 15 keV energy interval to be RA = 309.264 deg, DEC = 41.833 (J2000) with a 90% error radius of 1.1 arcmin.



[ [Telegram Index](#) ]

R. E. Rutledge, Editor-in-Chief

Derek Fox, Editor

rrutledge  
dfox